

Claims

1. A light source for an image writing apparatus for focusing light emitted from light emitting elements provided on a specific substrate on a photosensitive drum and forming an image thereon, said light source wherein

the light emitting elements are disposed on the substrate in a zigzag manner.

2. The light source according to claim 1, wherein the light emitting element comprises an organic electro luminescence.

3. The light source according to claim 2, wherein the substrate is a light transmitting means for focusing light emitted from the light emitting elements on the photosensitive drum and forming an image thereon.

4. The light source according to claim 2, wherein the light transmitting means for focusing light emitted from the light emitting element on the photosensitive drum and forming an image thereon is formed on an opposite surface to the light emitting elements of the substrate so as to be incorporated together.

5. The light source according to claim 4, wherein the distance between the light emitting element and the light transmitting means is fixed by a thickness of the substrate.

6. The light source according to claim 4, wherein the

distance between the light emitting element and the light transmitting means is fixed by a fixing frame for fixing the distance between the light emitting element and the light transmitting means.

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7. The light source according to claim 3 or 4, wherein the light transmitting means is a lens alley comprising a plurality of single lenses.

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8. The light source according to claim 7, wherein one of the light emitting elements is made to correspond to one of the single lenses.

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9. The light source according to claim 7, wherein one of the light emitting elements is made to correspond to a plurality of the single lenses.

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10. The light source according to claim 7, wherein a plurality of the light emitting elements is made to correspond to one of the single lenses.

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11. A method of producing a light source for an image writing apparatus for focusing light emitted from light emitting elements on a photosensitive drum and forming an image thereon, said method comprising the steps of:

forming a transparent electrode layer directly on a specific substrate;

forming the transparent electrode layer into a plurality

of transparent electrodes with a zigzag structure by means of a specific patterning processing;

forming a light emitting layer comprising an organic electro luminescence on the respective transparent electrodes
5 with the zigzag structure; and

forming a metal electrode layer on the light emitting layer.

12. The method of producing the light source according to
10 claim 11, wherein the transparent electrode is an Indium-Tin Oxide electrode.